| Ref<br>#  | Hits | Search Query   | DBs                             | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|--|---------------------------------|---------------------|---------|------------------|
| S1        | 36   | 455/127.4.ccls.  | USPAT                           | OR                  | OFF     | 2005/06/03 14:25 |
| S2        | 1    | "0632918"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:32 |
| <b>S3</b> | 1    | "0692918"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:33 |
| S4        | 1    | "2002072397"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:38 |
| S5        | 0    | "2002/072397"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:38 |
| S6        | 8    | "072397"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:39 |
| S7        | 11   | asada adj hideaki  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:42 |
| S8        | 1    | "6778842".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | OFF     | 2005/06/01 11:42 |
| S9        | 7    | ("20030198205"   "4740794"  <br>"5335366"   "5493704"   "5901202"<br>  "6259785"   "6510324").PN. OR<br>("6778842").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR                  | OFF     | 2005/06/01 11:47 |
| S10       | 14   | ("5327479"   "5583921"   "5594740"   "5740531"   "5749052"   "5797089"   "5890073"   "5995500"   "6061570"   "6061718"   "6112084"   "6205322").PN. OR ("6510324").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR                  | OFF     | 2005/06/01 14:59 |
| S11       | 499  | 455/103.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR                  | OFF     | 2005/06/01 14:59 |
| S12       | 0    | ("2005/0107049").URPN.   | USPAT                           | OR                  | OFF     | 2005/06/01 15:00 |

|     |    |  |                              | 1  | _   |                  |
|-----|----|--|------------------------------|----|-----|------------------|
| S13 | 38 | ("20020058490"   "2210028"   "3777275"   "3805139"   "3886452"   "3906401"   "3909742"   "3927379"   "4090147"   "4178557"   "4315107"   "4420723"   "4433312"   "4485357"   "4580111"   "5086450"   "5249201"   "5305384"   "5329245"   "5365187"   "5420541"   "5453717"   "5499389"   "5568088"   "5574967"   "5584057"   "5631604"   "5638024"   "5638401"   "5659886"   "5734565"   "5815531"   "5933766"   "5959984"   "5974101"   "6097252"   "6415001").PN. OR ("6889034").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/01 15:16 |
| S14 | 8  | ("4658206"   "5081713"   "5136267"<br>  "5472935"   "5548825"  <br>"5604925"   "5616538"  <br>"5843139").PN. OR ("6625427").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/02 12:36 |
| S15 | 7  | ("3778716"   "4287598"   "4429417"<br>  "4940984"   "5274836"  <br>"5487185"   "5737698").PN. OR<br>("6438359").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/02 12:43 |
| S16 | 16 | ("4990803"   "5126686"   "5150075"   "5422931"   "5432473"   "5438684"   "5530923"   "5768691"   "5774017"   "5790587"   "5878332"   "5884149"   "5896562").PN. OR ("6154664"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/02 12:59 |
| S17 | 10 | ("4442416"   "4764494"   "5386203"<br>  "5423074"   "5936439"  <br>"6091966"   "6147571"   "6154664"<br>  "6298244").PN. OR ("6625470").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/02 13:00 |
| S18 | 11 | ("5128964"   "5157346"   "5201071"<br>  "5302914"   "5349300"  <br>"5381449"   "5420541"  <br>"5646631").PN. OR ("5710990").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/02 13:22 |

| S19 | 55     | ("4135059"   "4256925"   "4291409"   "4319353"   "4322845"   "4339818"   "4455649"   "4477900"   "4491947"   "4494232"   "4547880"   "4562572"   "4587652"   "4594476"   "4870642"   "4970648"   "5003534"   "5121383"   "5168575"   "5276730"   "5305308"   "5349580"   "5410538"   "5521937"   "5533012"   "5608725"   "5710990"   "5729570"   "5777990"   "5781583"   "5790516"   "5790588"   "5793744"   "5805567"   "5822372"   "5831978"   "5862133"   "5881093"   "5946356"   "5950124"   "5982807"   "6064663"   "6097711" | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/02 13:24 |
|-----|--------|--|---------------------------------|----|-----|------------------|
|     |        | "6104746").PN. OR ("6389000").   |                                 |    |     |                  |
| S20 | 34     | URPN.<br>("4070637"   "4831619"   "4868886"<br>  "4901085").PN. OR ("5287543").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/02 13:51 |
| S21 | 206    | 455/127.2.ccls.  | USPAT                           | OR | OFF | 2005/06/02 14:21 |
| S22 | 249    | 455/127.2.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:26 |
| S23 | 142358 | voice and data   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:26 |
| S24 | 23365  | amplifier and S23  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:27 |
| S25 | 11031  | S24 and phase  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:27 |
| S26 | 9748   | S25 and (power or threshold)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:29 |
| S27 | 5996   | S26 and simultaneous\$2  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:29 |
| S28 | 0      | S27 and swithc   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:28 |
| S29 | 4305   | S27 and switch   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:29 |
| S30 | 5248   | (voice adj call) same (data call)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/02 14:30 |

| S31  | 2324    | S30 and simultaneous\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:30 |
|------|---------|---|---------------------------------|----|-------|------------------|
| S32  | 2283323 | l139and (power or threshold)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:29 |
| S33  | 1512    | S31 and (power or threshold)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:29 |
| S34  | 1137    | S33 and switch  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:30 |
| S35  | 653     | (voice adj call) same (data adj call)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:30 |
| S36  | 346     | S35 and simultaneous\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:30 |
| S37  | 231     | S36 and switch  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:30 |
| S38  | 23      | S37 and (amp or amplifier)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF   | 2005/06/02 14:30 |
| S39  | 41      | ("3597544"   "3803360"   "3997736"   "4288662"   "4291200"   "4306116"   "4392023"   "4421951"   "4488002"   "4503288"   "4524244"   "4596021").PN. OR ("4685123").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF   | 2005/06/02 14:39 |
| S40  | 7       | ("20030198205"   "4740794"  <br>"53353366"   "5493704"   "5901202"<br>  "6259785"   "6510324").PN. OR<br>("6778842").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF   | 2005/06/02 14:48 |
| S41  | 107     | 455/127.3.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF . | 2005/06/03 11:27 |
| S42  | 0       | ("2005/0014477").URPN.  | USPAT                           | OR | OFF   | 2005/06/03 10:15 |
| `S43 | 15      | ("20020132652"   "4439744"   "4598252"   "5256987"   "5530404"   "5541554"   "5548248"   "5834975"   "5838031"   "5861776"   "5862461"   "5872481"   "6069525"   "6339361"   "6356150").PN. OR ("6782244"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF   | 2005/06/03 10:19 |

| CAA | 72  | (#222E720#   #246040E#   #2E44740#                              | HC DCDHD-           | OB  | OFF | 2005/06/02 10:22 |
|-----|-----|---|---------------------|-----|-----|------------------|
| S44 | 72  | ("3325738"   "3469195"   "3514710"<br>  "3665507"   "3886380"   | US-PGPUB;<br>USPAT; | OR  | OFF | 2005/06/03 10:23 |
|     |     | "4041396"   "4054849"   "4158180"                               | USOCR               |     |     |                  |
|     |     | "4207538"   "4223274"   |                     |     |     |                  |
|     |     | "4263560"   "4320350"   "4380711"                               |                     |     |     |                  |
|     |     | "4426625"   "4439744"   |                     |     |     |                  |
|     |     | " <del>444</del> 7783"   "4495648"   "4500848"                  |                     |     |     |                  |
|     |     |   |                     |     |     |                  |
|     |     | "4523155"   "4560949"   "4578603"                               |                     |     |     |                  |
|     |     | "4593409"   "4602218"   |                     |     |     |                  |
|     |     | "4607234"   "4613990"   "4654882"                               |                     |     |     |                  |
|     |     | "4661993"   "4709403"   |                     |     |     |                  |
|     |     | "4723304"   "4727337"   "4740964"                               |                     |     |     |                  |
|     |     | "4797632"   "4816772"   |                     |     |     |                  |
|     |     | "4870698"   "4893093"   "4901032"<br>                           |                     |     |     |                  |
|     |     |   |                     |     |     |                  |
|     |     | "5132634"   "5136300"   |                     |     |     |                  |
|     |     | "5132034  |                     |     |     |                  |
|     |     | "5175871"   "5192919"   |                     |     |     |                  |
|     |     | "5251330"   "5251331"   "5256987"                               |                     |     |     |                  |
|     |     | "5287543"   "5329548"   |                     |     |     |                  |
|     |     | "5339046"   "5423078"   "5438684"                               |                     |     |     |                  |
|     |     | "5487185"   "5530923"   |                     |     |     |                  |
|     |     | "5541554"   "5568086"   |                     |     |     |                  |
|     |     | "5608353").PN. OR ("6069525").                                  |                     |     |     |                  |
|     |     | URPN.   |                     |     |     |                  |
| S45 | 98  | ("3325738"   "3469195"   "3514710"                              | US-PGPUB;           | OR  | OFF | 2005/06/03 10:37 |
|     |     | "3665507"   "3886380"   | USPAT;              |     |     |                  |
|     |     | "4041396"   "4054849"   "4158180"                               | USOCR               |     |     |                  |
|     | 1   | "4207538"   "4223274"   | ٠,                  |     |     |                  |
|     |     | "4263560"   "4320350"   "4380711"                               |                     |     |     |                  |
|     |     | "4426625"   "4439744"   |                     |     |     |                  |
|     |     | "4447783"   "4495648"   "4500848"<br>     "4510460"   "4514702" |                     |     |     |                  |
|     |     | "4523155"   "4560949"   "4578603"                               |                     |     |     |                  |
|     |     | "4592252"   "4593409"   |                     |     |     |                  |
|     |     | "4602218"   "4607234"   "4613990"                               |                     |     |     |                  |
|     |     | "4654882"   "4709403"   |                     |     |     |                  |
|     |     | "4723304"   "4727337"   "4740964"                               |                     |     |     |                  |
|     | į   | "4797632"   "4816772"   |                     |     |     |                  |
|     |     | "4870698"   "4893093"   "4901032"                               |                     |     |     |                  |
|     |     | "4901307"   "5029298"   |                     |     |     |                  |
|     |     | "5083096"   "5099204"   "5107225"                               |                     | 1   |     |                  |
|     |     | "5132634"   "5136300"   |                     |     |     |                  |
|     |     | "5146180"   "5152004"   "5175871"                               |                     |     |     |                  |
|     |     |   |                     |     |     |                  |
|     |     | "5256987"   "5339046"   "5420537"<br>   "5438684"   "5541554"   |                     |     |     |                  |
|     |     |   |                     |     |     |                  |
|     |     | "5608353").PN. OR ("5872481").                                  |                     |     |     |                  |
|     |     | URPN.   |                     |     |     |                  |
| CAC | 702 |   | ווכ מכמיים          | OB  | OFF | 2005/06/02 44 22 |
| S46 | 703 | 455/127.1.ccls.   | US-PGPUB;           | OR  | OFF | 2005/06/03 11:28 |
|     |     |   | USPAT;<br>EPO; JPO  |     |     |                  |
| I   | 1   | <u> </u>  | LFU, JFU            | I _ | l   |                  |

| S47 | 112 | S46 and voice and data   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/03 11:46 |
|-----|-----|--|---------------------------------|----|-----|------------------|
| S48 | 591 | S46 not S47  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/03 13:52 |
| S49 | 504 | 455/552.1.ccls.  | USPAT                           | OR | OFF | 2005/06/03 14:26 |
| S50 | 10  | ("5193218"   "5302923"   "5386203"   "5652599"   "5768691"   "5815804"   "6249670"   "6510310"   "6567653").PN. OR ("6795714"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/03 14:33 |
| S51 | 13  | ("5031179"   "5991639"   "6038224"   "6052565"   "6061820"   "6198920"   "6289037"   "6292516"   "6320852"   "6438119"   "6526288"   "6587672"   "6678502").PN. OR ("6788932"). URPN.                | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/03 14:36 |
| S52 | 6   | ("5570367"   "5729536"   "5742592"<br>  "5832389").PN. OR ("6038224").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/03 14:39 |
| S53 | 14  | ("20020049046"   "4097816"   "4450583"   "4627099"   "5732330"   "5896562"   "5926751"   "5974305"   "5983081"   "6029052"   "6175746"   "6269253"   "6484013"   "6609010").PN. OR ("6754508").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/03 14:44 |
| S54 | 8   | ("5675629"   "5878344"   "5887259"<br>  "5915212"   "6243593").PN. OR<br>("6351653").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/03 15:14 |
| S55 | 577 | 455/129.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/06 09:24 |
| S56 | 30  | S55 and voice and data   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/06 09:29 |
| S57 | 386 | 375/297.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/06 09:29 |
| S58 | 72  | S57 and voice and data   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/06 09:29 |
| S59 | 18  | ("4460897"   "4569073"   "5249201"<br>  "5263194"   "5436592"  <br>"5461341"   "5838193"  <br>"5861777").PN. OR ("6049707").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/06 09:47 |

| S60 | 307 | 370/493.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/06 09:52 |
|-----|-----|--|------------------------------|----|-------|------------------|
| S61 | 48  | S60 and (amplifier or amp)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/06 10:20 |
| S62 | 5   | ("5537436"   "5559791").PN. OR<br>("5835480").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF . | 2005/06/06 10:00 |
| S63 | 12  | ("5497373"   "5581560"   "5602902"   "5606599"   "5689553"   "5805636"   "5835480"   "5896375"   "5943046"   "6021119"   "6044108"   "6112084").PN. OR ("6621802").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/06 10:01 |
| S64 | 16  | ("5524047"   "5628030"  <br>"5673268").PN. OR ("5805636").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/06 10:20 |
| S65 | 228 | 379/265.09.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/06 10:20 |
| S66 | 2   | S65 and (amplifier or amp)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/06 10:20 |
| S67 | 34  | ("4070637"   "4831619"   "4868886"<br>  "4901085").PN. OR ("5287543").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/08 10:36 |
| S68 | 8   | ("4658206"   "5081713"   "5136267"   "5472935"   "5548825"   "5604925"   "5616538"   "5843139").PN. OR ("6625427"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/06/08 10:40 |